



NON-FEDERAL COAL LAND — Land for which the Federal Government does not own the coal rights.

—————LD—————↑—————

TRACE OF COAL BED OUTCROP —  
Dashed where approximately located,  
dotted where concealed; measured thick-  
ness in feet at triangle. Arrow points  
to the coal bearing area. Letters desig-  
nate name of coal bed.

**US**—Upper Sparrow  
**LV**—Lower Little Valley  
**LD**—Lower Mourning Dove  
**COAL BED SYMBOLS AND NAMES**

RESERVE BASE BOUNDARY — Long dashed for the 5-foot coal isopach. Arrows point toward the area with thicker coal.

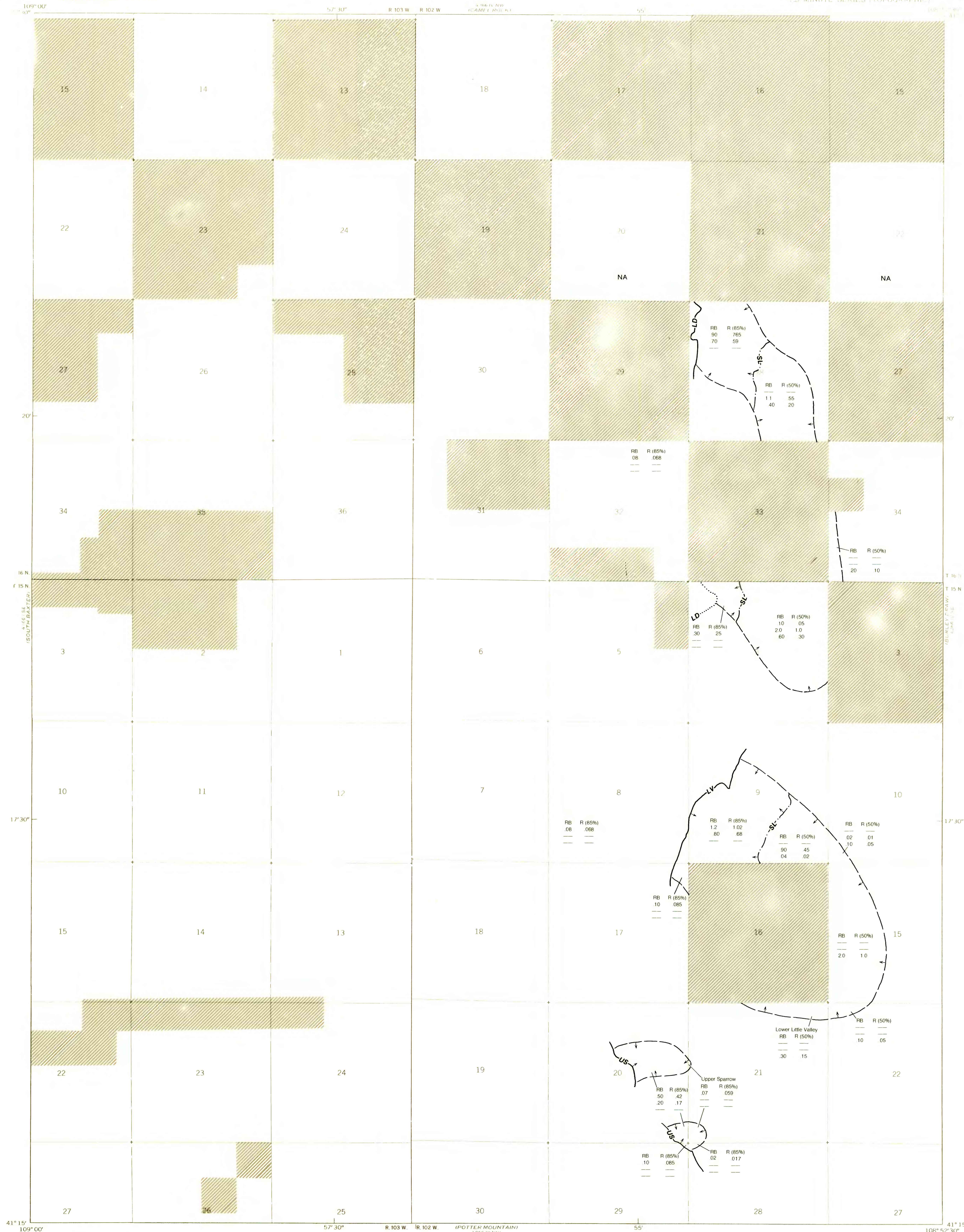
— — — — — SL — — — — —

**STRIPPING-LIMIT LINE** — Boundary for surface mining of the Lower Little Valley (LV), and Lower Mourning Dove (LD) coal beds (in this quadrangle, the 200-foot overburden isopach). Arrows point toward the area suitable for surface mining, with a recovery factor of 85 percent. A recovery factor of 50 percent applies to the area suitable for subsurface mining (200 to 1000 feet of overburden).

RB	R (50%)	
—	—	(Measured resources)
20	01	(Indicated resources)
10	05	(Inferred resources)

**IDENTIFIED RESOURCES OF THE UPPER SPARROW (US), LOWER LITTLE VALLEY (LV), AND LOWER MOURNING DOVE (LD) COAL BEDS**  
—Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part(s) of section of Federal coal land. Dash indicates no resources in that category. Reserve Base (RB) X Recovery Factor (0.85 or 0.50) = Reserves (R). To convert short tons to metric tonnes, multiply short tons by 0.9072.

To convert feet to meters,  
multiply feet by 0.3048.




Base from U.S. Geological Survey, 1968  
Compiled in 1977

UTM GRID NORTH AND 1968 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

0 1000 2000 3000 4000 5000 6000 7000 FEET

0 1 KILOMETER



WYOMING

QUADRANGLE LOCATION

PLATE 23

IDENTIFIED RESOURCES  
OF THE UPPER SPARROW,  
LOWER LITTLE VALLEY,  
AND LOWER MOURNING  
DOVE COAL BEDS